

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2013 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

***Sacramento River Basin***

<b>NA0014</b>	Overall LMA Rating	Total LMA Miles						
<b>Sutter Maintenance Yard Murphy Slough at M&amp;T Ranch</b>	<b>U</b>	<b>0.78</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.38		0.38	48.72%				
<i>LMA Totals:</i>	0.38	0.00	0.38	48.72%	0.00	0.00	0.00	0.00

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Fall 2013 Levee Inspection Results**

**Sutter Maintenance Yard Murphy Slough at M&T Ranch**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			U	

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*  
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2013 Levee Inspection Results**

**Sutter Maintenance Yard Murphy Slough at M&T Ranch**

Waterway			Bank	Unit Miles
Unit No. 01 Murphy Slough at M&T Ranch			Left	0.78
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>U</b>	
Date of Inspection	04/04/2013 - 04/04/2013		11/08/2013 - 11/08/2013	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Jason Cooper Sutter Maintenance Yard		Jason Cooper Sutter Maintenance Yard	

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
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**Levee Inspection Report By Mile - Fall 2013**

**Sutter Maintenance Yard Murphy Slough at M&T Ranch**

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Murphy Slough at M&T Ranch						Left	0.78	11/08/2013 11/08/2013	Bob Duffey	
LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1			Earthen Levee	Operations & Maintenance Manuals	WS	A Ma		°	°	2
								°	°	
DWR ID: DWR_NA0014_01_s_2013_2										
2			Earthen Levee	Emergency Supplies & Equipment	WS	A Ma		°	°	3
								°	°	
DWR ID: DWR_NA0014_01_s_2013_3										
3			Earthen Levee	Flood Preparedness & Training	WS	A Ma		°	°	6
								°	°	
DWR ID: DWR_NA0014_01_s_2013_6										
4	0.00	0.09	Earthen Levee	Vegetation	WS	M Ma	V4 : Elderberries are blocking visibility and flood fight capability.	39.667534 ° -121.959612 °	39.666836 ° -121.960897 °	1 Y
DWR ID: DWR_NA0014_01_s_2012_1										
5	0.00	0.09	Earthen Levee	Vegetation	LS	M Ma	V4 : Elderberries are blocking visibility and flood fight capability.	39.667708 ° -121.959817 °	39.666983 ° -121.960997 °	4 Y
DWR ID: DWR_NA0014_01_s_2012_4										
6	0.00	0.20	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	39.666988 ° -121.960993 °	39.666988 ° -121.960993 °	5 Y
DWR ID: DWR_NA0014_01_s_2012_5										

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

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**Levee Inspection Report By Mile - Fall 2013**

**Sutter Maintenance Yard Murphy Slough at M&T Ranch**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Murphy Slough at M&T Ranch	Left	0.78	11/08/2013 11/08/2013	Bob Duffey

Levee Mile Report Line	4
Start Levee Mile	0.00
End Levee Mile	0.09
Location	Water Side
Category	Earthen Levee
Item	Vegetation

View of the elderberries along the waterside slope.

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Levee Mile Report Line	5
Start Levee Mile	0.00
End Levee Mile	0.09
Location	Land Side
Category	Earthen Levee
Item	Vegetation

View of the elderberries along the landside toe.

rduffey\_f\_20131118\_176.JPG



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.20
Location	Water Side
Category	Earthen Levee
Item	Vegetation

View of the vegetation along the waterside slope.

rduffey\_f\_20131118\_177.JPG



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